

### Abstract

A wireless intercom unit includes an electronics housing including a first side, where the first side is configured to interface with a planar surface. The intercom unit also includes a microphone, a speaker, and an input device, where these components are located on a portion of the housing other than the first side. The intercom further includes a first channel transceiver for a first channel radio frequency range. In another embodiment, a wireless communication system includes a wireless intercom unit and an earpiece for wireless communication with the wireless intercom unit. In yet another embodiment of the invention, a wireless communication system includes a wireless intercom unit and a remote switch for providing user input information to the intercom unit.



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